

Sheet 1 of 4

FORM 1449*

**INFORMATION DISCLOSURE STATEMENT
IN AN APPLICATION**

(Use several sheets if necessary)

Docket Number
30794.32USU2Application Number
09/105,571**RECEIVED**

APR 03 2002

Applicant
Cyrus R. Safinya, et al.Filing Date
June 26, 1998Group TECH CENTER 1600/2900
1633**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TCP	Lipowski, R., "The Conformation of Membranes," <i>Nature</i> , February 1991, 349:475-81. (Exhibit 1)
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	Lasic, D., "Liposomes Within Liposomes," <i>Nature</i> , May 1997, 387:26-7. (Exhibit 3)
	Raedler, J. et al., "Structure of DNA-Cationic Liposome Complexes: DNA Intercalation in Multilamellar Membranes in Distinct Interhelical Packing Regimes," <i>Science</i> , February 1997, 275:810-4. (Exhibit 4)
	Evans, E. A. and V. A. Parsegian, "Thermal-mechanical Fluctuations Enhance Repulsion Between Bimolecular Layers," <i>Proc. Natl. Acad. Sci. USA</i> , October 1986, 83:7132-6. (Exhibit 5)
	Kamien, Randall D. and David R. Nelson, "Defects in Chiral Columnar Phases: Tilt-grain Boundaries and Iterated Moire Maps," <i>Physical Review E</i> , January 1996, 53(1):650-66. (Exhibit 6)
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	Helfrich W., "Steric Interaction of Fluid Membranes in Multilayer Systems," <i>Z. Naturforsch.</i> , 1978, 33:305-15. (Exhibit 8)
	Selinger, Jonathan V. and Robijn F. Bruinsma, "Hexagonal and Nematic Phases of Chains. I. Correlation Functions," <i>Physical Review A</i> , March 15, 1991, 43(6):2910-21. (Exhibit 9)
TCP	Boltenhagen, Ph. et al., "Focal Conic Domains With Positive Gaussian Curvature and Saddle-splay Rigidity of Smectic L _a Phases," <i>Physical Review A</i> , August 15, 1992, 46(4):R1743-6. (Exhibit 10)

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TCP	04/10/02

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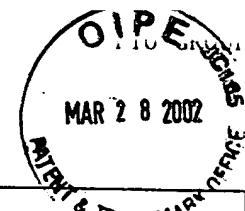
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FORM 1449*		Docket Number 30794.32USU2	Application Number 09/105,5
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Applicant Cyrus R. Safinya, et al.	RECEIVED APR 03 2002
		Filing Date June 26, 1998	Group Art Unit 1633 TECH CENTER 1600/2900

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		Safinya, Cyrus R., "Rigid Fluctuating Surfaces: A Series of Synchrotron X-ray Scattering Studies of Interacting Stacked Membranes," <i>Phase Transitions in Soft Condensed Matter</i> , Tormod Riste and David Sherrington, ed., Plenum Publishing Corporation, 1989, 249-70. (Exhibit 12)	
		Roux, D. and Cyrus R. Safinya, "A Synchrotron X-ray Study of Competing Undulation and Electrostatic Interlayer Interactions in Fluid Multimembrane Lyotropic Phases," <i>J Phys. France</i> , 1988, 49:307-18. (Exhibit 13)	
		Perkins, Thomas T. et al., "Direct Observation of Tube-Like Motion of a Single Polymer Chain," <i>Science</i> , May 6, 1994, 264:819-26. (Exhibit 14)	
		Smith, Steven B. et al., "Direct Mechanical Measurements of the Elasticity of Single DNA Molecules by Using Magnetic Beads," <i>Science</i> , November 13, 1992, 258:1122-6. (Exhibit 15)	
		Sternberg, Brigitte et al., "New Structures in Complex Formation Between DNA and Cationic Liposomes Visualized by Freeze-Fracture Electron Microscopy," <i>FEBS Letters</i> , 1994, 356:361-6. (Exhibit 16)	
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		Gershon, Hezi et al., "Mode of Formation and Structural Features of DNA-Cationic Liposome Complexes Used for Transfection," <i>Biochemistry</i> , 1993, 32:7143-51. (Exhibit 18)	
		Kenworthy, A. K. et al., "Range and Magnitude of the Steric Pressure Between Bilayers Containing Phospholipids with Covalently Attached Poly(ethylene glycol)," <i>Biophysical Journal</i> , May 1995, 68:1921-36. (Exhibit 19)	
		Warriner, Heidi E. et al., "Lamellar Biogels: Fluid-Membrane-Based Hydrogels Containing Polymer Lipids," <i>Science</i> , February 16, 1996, 271:969-73. (Exhibit 20)	
		Ligoure, C. et al., "Polymer Induced Phase Separation in Lyotropic Smectics," <i>Physical Review Letters</i> , November 22, 1993, 71(21):3600-3. (Exhibit 21)	
T74		Sackmann, E., "Supported Membranes: Scientific and Practical Applications," <i>Science</i> , January 5, 1996, 271:43-8. (Exhibit 22)	

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	Livolant, F. et al., "The Highly Concentrated Liquid-Crystalline Phase of DNA is Columnar Hexagonal," <i>Nature</i> , June 29, 1989, 339:724-6. (Exhibit 24)
	Bloomfield, Victor A., "Condensation of DNA by Multivalent Cations: Considerations on Mechanism," <i>Biopolymers</i> , 1991, 31:1471-81. (Exhibit 25)
	Marshall, Eliot, "Gene Therapy's Growing Pains," <i>Science</i> , August 25, 1995, 269:1050-5. (Exhibit 26)
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	Behr, Jean Paul, "Gene Transfer with Synthetic Cationic Amphiphiles: Prospects for Gene Therapy," <i>Bioconjugate Chemistry</i> , 1994, 5:382-5. (Exhibit 33)
	Felgner, P. L. and G. Rhodes, "Gene Therapeutics," <i>Nature</i> , 349:351-2. (Exhibit 34)
	Mulligan, Richard C., "The Basic Science of Gene Therapy," <i>Science</i> , May 14, 1993, 260:926-32. (Exhibit 35)
TCP	Crystal, Ronald G., "Transfer of Genes to Humans: Early Lessons and Obstacles to Success," <i>Science</i> , October 20, 1995, 270:404-10. (Exhibit 36)

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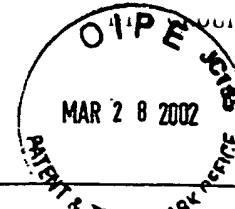
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